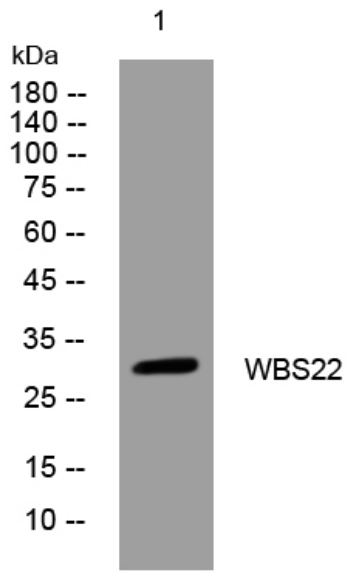
WBS22 rabbit pAb

Catalog No	BYab-08294
Isotype	IgG
Reactivity	Human; Mouse
Applications	WB
Gene Name	WBSCR22 HUSSY-03 PP3381
Protein Name	WBS22
Immunogen	Synthesized peptide derived from human WBS22 AA range: 144-194
Specificity	This antibody detects endogenous levels of WBS22 at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1：500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Cell Pathway	Nucleus . Nucleus, nucleoplasm . Cytoplasm, perinuclear region . Cytoplasm . Localized diffusely throughout the nucleus and the cytoplasm (PubMed:24488492). Localizes to a polarized perinuclear structure, overlapping partially with the Golgi and lysosomes (PubMed:25851604). Localization is not affected by glucocorticoid treatment (PubMed:24488492). .
Tissue Specificity	Widely expressed, with high levels in heart, skeletal muscle and kidney. Detected at high levels in bronchial brushings and in normal lung (at protein level). In fetal lung tissue, expressed in the developing bronchial lumen lining cells (at protein level). Tends to be down-regulated in lungs affected by inflammatory diseases or neoplasia (at protein level). Expressed in immune cells, including B and T lymphocytes and macrophages.
Function	disease:Haploinsufficiency of WBSCR22 may be the cause of certain cardiovascular and musculo-skeletal abnormalities observed in Williams-Beuren syndrome (WBS) [MIM:194050]. WBS is a rare developmental disorder. It is a contiguous gene deletion syndrome involving genes from chromosome band

	7q11.23.,function:Methyltransferase that may act on DNA.,similarity:Belongs to the methyltransferase superfamily.,tissue specificity:Strongly expressed in heart, skeletal muscle and kidney. Also expressed in spleen, liver, lung and testis.,
Background	This gene encodes a protein containing a nuclear localization signal and an S-adenosyl-L-methionine binding motif typical of methyltransferases, suggesting that the encoded protein may act on DNA methylation. This gene is deleted in Williams syndrome, a multisystem developmental disorder caused by the deletion of contiguous genes at 7q11.23. Alternatively spliced transcript variants have been found. [provided by RefSeq, Feb 2011],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from Hela cells, primary antibody was diluted at 1:1000, 4°over night